

Amendments to the Specification

Please replace the paragraph found on page 6, lines 17 through 27, with the following replacement paragraph:

In block 190, when the sensor 33 does not see the plummet 32 in block 130, it is determined if the flow timer is greater than the maximum operating time (MOT). If yes, in block 200, it is determined if the flow timer is greater than the maximum priming time (MPT). If yes, the flow alarm 50 is set on in block ~~210~~ 240 and the pump is stopped in 170. This would alert the operator to check the product flow failure condition. In block 200, if the flow timer is not greater than the maximum priming time, it is determined in block 210 if the sensor 33 sees the plummet 32. If yes (which indicates the system has been primed), the flow timer (FT) is reset in block 220 and then in block 230 it is determined if the flow timer is greater than the priming time after sensor (PTAS). This is necessary in order for the flow circuit to operate properly on the next cycle, the liquid between the application must now be filled. If yes, the pump is stopped in block 170.